PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES REPLACING THE EXISTING WB RED SIGNAL AHEAD STRUCTURE AND LED SIGN.
US 40 RUNS IN A EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS EQUIPPED WITH A EIGHT PHASE FULLY-TRAFFIC-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET. THIS INTERSECTION WILL OPERATE IN A NEMA SIX (6) PHASE FULLY-TRAFFIC-ACTUATED MODE WITH BOTH EASTBOUND AND WESTBOUND US 40 MOVEMENTS OPERATING CONCURRENTLY. NORTHBOUND AND SOUTHBOUND MD 279/MD 7 MOVEMENTS WILL OPERATE AS SIDE STREET SPLITS. SOUTHBOUND MD 279 WILL COME UP FIRST ON THE SIDE ROAD.

THE CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

Mr. Robert Kiel Assistant District Engineer - Traffic Phone: 410-810-3240

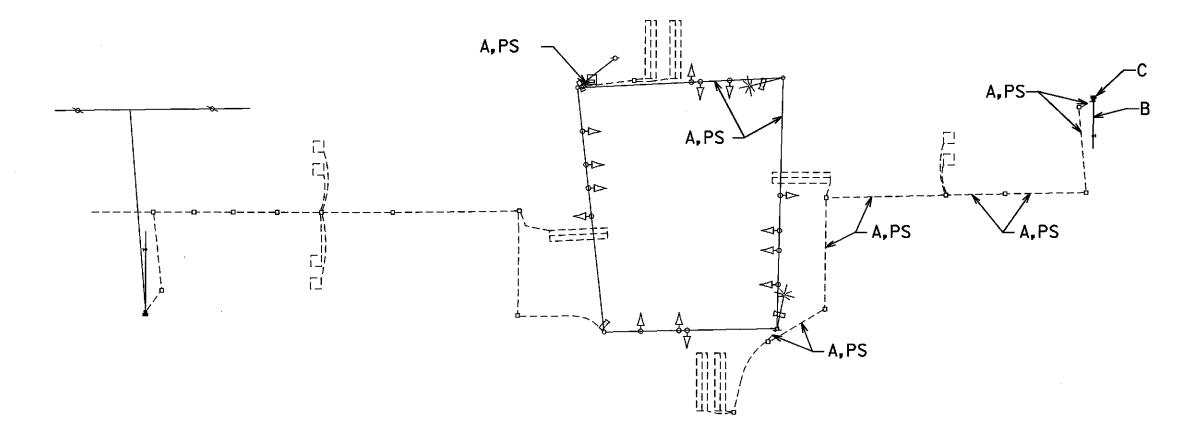
Mr. Barry Clothier District Utility Engineer Phone: 410-810-3275

Mr. Terry Wright Assistant District Engineer - Maintenance Phone: 410-810-3250

Mr. Richard L. Daff Sr. Chief, Traffic Operations Division Phone: 410-787-7630

WIRING DIAGRAM

A = USE EXISTING CABLE
B = 5 - CONDUCTOR CABLE (NO.14 AWG)
C = 3 - CONDUCTOR CABLE (NO.14 AWG)
PS = POWER SERVICE



PHASE CHART

NO CHANGE IN CURRENT OPERATION

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

<u>ITEM NO.</u> 9000	<u>QUANTITY</u> I EACH	DESCRIPTION CABINET "G" TYPE POLE MOUNT
9005	32 S.F.	SHEET ALUMINUM SIGNS 2 EACH - W3-3 SIGN (48"x48") MAST ARM MOUNT
9012	I EACH	2 CIRCUIT FLASHER

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

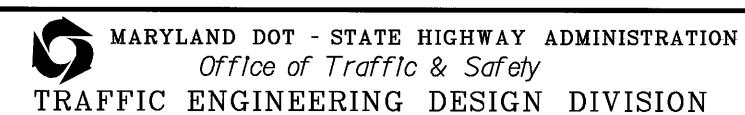
ITEM NO.	QUANTITY	DESCRIPTION	
1001	I EACH	MAINTENANCE OF TRAFFIC	
8020	I EACH	F&I CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL	
8031	I EACH	F&I PHOTOCELL	
8047	I EACH	REMOVE AND DISPOSE FOUNDATION 12 INCH BELOW GRADE	
8048	I EACH	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT	
8051	15 L.F.	3 INCH PVC SCHEDULE 80 CONDUIT - TRENCHED	
8057	5 C.Y.	F&I CONCRETE FOR SIGNAL FOUNDATION	
8060	20 L.F.	F&I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	
8075	32 S.F.	INSTALL OVERHEAD SIGN	
8080	I EACH	F&I GROUND ROD - 3/4 INCH DIAMETER × 10 FOOT LENGTH	
8083	35 L.F.	F&I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)	
8084	60 L.F.	F&I ELECTRICAL CABLE - 5 CONDUCTOR (NO.14 AWG)	
8092	I EACH	INSTALL CONTROLLER AND CABINET - POLE MOUNT	
NEG.	I EACH	F&I MAST ARM POLE (60 FT SERIES) WITH 22 FT. T DIMENSION AND 35 FT. BUTT SECTION ONLY	
NEG.	15 L.F.	PULL AND RE-ROUTE INTERCONNECT AND POWER CABLE	
NEG.	I EACH	F&I 60"x60" RED SIGNAL AHEAD SIGN	

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ITEM NO. QUANTITY DESCRIPTION

ALL REMOVED MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR



GENERAL INFORMATION



US 40 AND MD 279/MD 7

WN BY: AMT F.A.P. NO. SEE TITLE SHEET TS NO. 262 B SHEET NO. CEULINOS NO.